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Miguel de Icaza

February 1999 **Linux Journal** . Volume 1999 Issue 58es**Publisher:** Specialized Systems Consultants, Inc.Full text available: [HTML](#) (27.39 KB) Additional Information: [full citation](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 21, Citation Count: 1

- 2 [NAVPLANR \(NP\): flight navigation planning software](#)

Dan Baronet

June 2003 **APL '03: Proceedings of the 2003 conference on APL: stretching the mind****Publisher:** ACMFull text available: [PDF](#) (225.96 KB) Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 9, Citation Count: 0

NP is a program used to help pilots make decisions about flights by providing importe information.NP is written in J.This document shows an example of how to take a proj from the ground up using J. It does not cover the whole ...

- 3 [GNOME, its state and future](#)

George Labl, Elliot Lee, Miguel de Icaza

February 2000 **Linux Journal** . Volume 2000 Issue 70es**Publisher:** Specialized Systems Consultants, Inc.Full text available: [HTML](#) (25.48 KB) Additional Information: [full citation](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 18, Citation Count: 0

- 4 [Composable ad hoc location-based services for heterogeneous mobile clients](#)

Todd D. Hodes, Randy H. Katz

October 1999 **Wireless Networks** . Volume 5 Issue 5**Publisher:** Kluwer Academic PublishersFull text available: [PDF](#) (403.18 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index](#)**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 88, Citation Count: 9

- 5 [Dynamic web page authoring by example using ontology-based domain knowled](#)

José A. Macías, Pablo Castells


January 2003 **IUI '03: Proceedings of the 8th international conference on Intelligent use****Publisher:** ACMFull text available: [PDF](#) (469.78 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 69, Citation Count: 2

Authoring dynamic web pages is an inherently difficult task. We present DESK, an int tool that allows the customization of dynamic page generation procedures with no a-j

skill requirements from authors. Our approach ...



Keywords: knowledge-based UI design, model-based paradigm, ontology, program

6 [User interface directions for the Web](#)

 Jakob Nielsen

January 1999 **Communications of the ACM** , Volume 42 Issue 1

Publisher: ACM

Full text available:  [html](#) (35.34 KB),  [Pdf](#) (421.52 KB) **Additional Information:** [full citation](#), [references](#), [review](#)


Bibliometrics: Downloads (6 Weeks): 89, Downloads (12 Months): 571, Citation Count: 24

7 [SALT: an XML application for web-based multimodal dialog management](#)

Kuanan Wang

September 2002 **NLPXML '02: Proceedings of the 2nd workshop on NLP and XML** - Volume 17

Publisher: Association for Computational Linguistics

Full text available:  [Pdf](#) (186.90 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 40, Citation Count: 0


This paper describes the Speech Application Language Tags, or SALT, an XML based standard for multimodal or speech-only applications. A key premise in SALT design is enabled user interface shares a lot of the design principles ...

8 [A composable framework for secure multi-modal access to internet services from devices](#)

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric F.

October 2002 **Mobile Networks and Applications** , Volume 7 Issue 5

Publisher: Kluwer Academic Publishers


Full text available:  [Pdf](#) (340.33 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited review](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 70, Citation Count: 2

The Post-PC revolution is bringing information access to a wide range of devices beyond such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based telematics. However, existing deployed Internet services ...

Keywords: internet, middleware, post-PC, security, transcoding

9 [Rondo: a programming platform for generic model management](#)

 Sergey Melnik, Erhard Rahm, Philip A. Bernstein

June 2003 **SIGMOD '03: Proceedings of the 2003 ACM SIGMOD international conference of data**


Publisher: ACM

Full text available:  [Pdf](#) (392.38 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 80, Citation Count: 30

Model management aims at reducing the amount of programming needed for the development of metadata-intensive applications. We present a first complete prototype of a generic model management system, in which high-level operators are used to manipulate ...

10 [A framework for rapid development of multimodal interfaces](#)

 Frans Flippo, Allen Krebs, Ivan Marsic

November 2003 **ICMI '03: Proceedings of the 5th international conference on Multimodal**

Publisher: ACM

Full text available:  Pdf (445.99 KB)

Additional Information: full citation, abstract, references, cited


Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 63, Citation Count: 7

Despite the availability of multimodal devices, there are very few commercial multimodal applications. One reason for this may be the lack of a framework to support developer applications in reasonable time and with limited ...

Keywords: application frameworks, command and control, direct manipulation, multimodal interfaces

11 Customizing lotus notes to build software engineering tools

Jun Ma, Holger M. Kienle, Piotr Kaminski, Anke Weber, Marín Lloja

October 2003 **CASCON '03: Proceedings of the 2003 conference of the Centre for Advanced Collaborative research****Publisher:** IBM PressFull text available:  Pdf (337.86 KB)



Additional Information: full citation, abstract, references, cited

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 41, Citation Count: 1

Many software engineering research tools are stand-alone applications that have trouble with other development tools and do not fit well into the software developers' established processes. Our main hypothesis is that in order for ...

Keywords: Lotus notes, Rigi, collaboration, customization, end-user programmable adoption

12 Suede: a Wizard of Oz prototyping tool for speech user interfaces



 Scott R. Klemmer, Anoop K. Sinha, Jack Chen, James A. Landay, Nadeem Aboobaker, Arunava Choudhury
November 2000 **UI ST '00: Proceedings of the 13th annual ACM symposium on User interface technology**
Publisher: ACMFull text available:  Pdf (592.26 KB)

Additional Information: full citation, references, cited by, index

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 126, Citation Count: 22

Keywords: Wizard of Oz, design, design tools, informal user interfaces, low-fidelity, speech user interfaces

13 Practical extraction techniques for Java

 Frank Tip, Peter F. Sweeney, Chris Lastra, Aldo Eisma, David Streeter
November 2002 **Transactions on Programming Languages and Systems (TOPLAS)****Publisher:** ACMFull text available:  Pdf (1.01 MB)

Additional Information: full citation, abstract, references, cited review

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 90, Citation Count: 17

Reducing application size is important for software that is distributed via the internet download times manageable, and in the domain of embedded systems, where applications are stored in (Read-Only or Flash) memory. This paper ...

Keywords: Application extraction, call graph construction, class hierarchy transform whole-program analysis

14 Can GRID services provide answers to the challenges of national health information systems?

I. Bilykh, Y. Bychkov, D. Dahlem, J. H. Jahnke, G. McCallum, C. Obry, A. Onabajo, C. Kluge
October 2003

CASCON '03: Proceedings of the 2003 conference of the Centre for Advanced Collaborative research

Publisher: IBM Press

Full text available:  Pdf (964.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 124, Citation Count: 1

It has been widely recognized that one of the keys to cost reduction and service improvement in health care lies in the integration of medical information systems. Integration can not only improve care delivery today, but it can ...

15 A spreadsheet interface for visualization exploration

T. J. Jankun-Kelly, Kwan-Liu Ma

October 2000 **VIS '00: Proceedings of the conference on Visualization '00**

Publisher: IEEE Computer Society Press


Full text available:  Pdf (547.98 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 31, Citation Count: 3

Keywords: knowledge representation, scientific visualization, spreadsheets, user interface, visualization systems, volume rendering

16 jRapture: A Capture/Replay tool for observation-based testing

 John Steven, Pravir Chandra, Bob Fleck, Andy Podgurski

August 2000 **ISSTA '00: Proceedings of the 2000 ACM SIGSOFT international symposium on testing and analysis**

Publisher: ACM

Full text available:  Pdf (403.58 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 81, Citation Count: 13

We describe the design of jRapture: a tool for capturing and replaying Java program field. jRapture works with Java binaries (byte code) and any compliant implementation of the virtual machine. It employs a lightweight, transparent ...

Keywords: Java, capture/replay, execution profiling, observation-based testing, software testing

Also published in:


September 2000 **SIGSOFT Software Engineering Notes** Volume 25 Issue 5

17 Analysis of navigation behaviour in web sites integrating multiple information systems

Bettina Berendt, Myra Spiliopoulou

March 2000 **The VLDB Journal — The International Journal on Very Large Data Bases**

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (281.14 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 212, Citation Count: 28

The analysis of web usage has mostly focused on sites composed of conventional static pages. However, huge amounts of information available in the web come from databases or data collections and are presented to the users in the form of dynamically generated pages ...


Keywords: Conceptual hierarchies, Data mining, Query capabilities, Web databases, Web interfaces, Web usage mining

18 Language-independent aspect-oriented programming

 Donal Lafferty, Vinny Cahill

November 2003 **OOPSLA '03**: Proceedings of the 18th annual ACM SIGPLAN conference programming, systems, languages, and applications

Publisher: ACM

Full text available:  Pdf (1.26 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 153, Citation Count: 5

The term aspect-oriented programming (AOP) has come to describe the set of programming mechanisms developed specifically to express crosscutting concerns. Since crosscutti cannot be properly modularized within object-oriented programming, ...

Keywords: Weave.NET, aspect-oriented programming, common language infrastruc independence

Also published in:

November 2003 **SIGPLAN Notices** Volume 38 Issue 11


19 [A case study in software adaptation](#)



Giuseppe Valetto, Gail Kaiser

November 2002 **WOSS '02**: Proceedings of the first workshop on Self-healing systems

Publisher: ACM

Full text available:  Pdf (1.45 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 64, Citation Count: 8

We attach a feedback-control-loop infrastructure to an existing target system, to con and dynamically adapt its activities and performance. (This approach could also be ap systems, as an alternative to "building in" adaptation ...

Keywords: coordination, distributed systems, dynamic adaptation, dynamic reconfig testing, software process enactment, workflow


20 [Spoken dialogue technology: enabling the conversational user interface](#)



Michael F. McTear

March 2002 **Computing Surveys (CSUR)** , Volume 34 Issue 1

Publisher: ACM

Full text available:  Pdf (987.69 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited review](#)

Bibliometrics: Downloads (6 Weeks): 99, Downloads (12 Months): 766, Citation Count: 23




Spoken dialogue systems allow users to interact with computer-based applications su and expert systems by using natural spoken language. The origins of spoken dialogu traced back to Artificial Intelligence research in the ...

Keywords: Dialogue management, human computer interaction, language generativ understanding, speech recognition, speech synthesis

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